

SIAM Student Days at CSE23



Conference on Computational Science and Engineering

February 27–March 3, 2023 • RAI Convention Centre, Amsterdam, Netherlands

Student Days is an event for students and about students. Organizers have got it all covered this year, with activities and sessions where students can meet with both peers and professionals in their field, social events, and network with SIAM Student Chapters from all over the world.

Sunday, February 26

4:30 p.m. – 5:30 p.m.

Student Days: Orientation
G104

5:45 p.m. – 7:45 p.m.

Welcome Reception
Auditorium Lounge

Monday, February 27

8:30 a.m. – 9:15 a.m.

IP1 Model Reduction for Nonlinear Control Systems Based on (Differential) Balancing and Data - Jacquelin M. Scherpen, University of Groningen, Netherlands
Auditorium

1:00 p.m. – 1:45 p.m.

IP2 Epidemic Control using Group Testing, Compressed Sensing and Machine Learning - Bubacarr Bah, Medical Research Council Unit, The Gambia
Auditorium

1:50 p.m. – 3:30 p.m.

MT1 How to Give Good Talks
G103

4:00 p.m. – 4:25 p.m.

SP1 James H. Wilkinson Prize for Numerical Software: The BLAS-Like Library Instantiation Software - Devin Matthews, Southern Methodist University, U.S.
Auditorium

4:30 p.m. – 4:55 p.m.

SP2 SIAM Activity Group on Computational Science and Engineering Best Paper Prize - Andrew Horning, Massachusetts Institute of Technology, U.S.
Auditorium

5:00 p.m. – 5:25 p.m.

SP3 SIAM Activity Group on Computational Science and Engineering Early Career Prize - Kaibo Hu, University of Oxford, United Kingdom
Auditorium

5:30 p.m. – 5:55 p.m.

SP4 2023 SIAM/ACM Prize in Computational Science and Engineering
Carol S. Woodward, Lawrence Livermore National Laboratory, U.S.
Auditorium

Tuesday, February 28

8:15 a.m. – 8:30 a.m.

SIAM CSE 2023 Hackathon: Aftermovie and Prize Ceremony
Auditorium

8:30 a.m. – 9:15 a.m.

IP3 Cultivating a Culture of Inclusion - Tony Baylis, Lawrence Livermore National Laboratory, U.S.
Auditorium

9:45 a.m. – 11:25 a.m.

MS78 Computational Engineering (BGCE) Student Paper Prize - Part I of II
D302

1:00 p.m. – 1:45 p.m.

IP4 Splitting Methods Revisited - Claudia Sagastizabal, IMECC - UniCamp, Brazil
Auditorium

2:15 p.m. – 3:55 p.m.

MS115 Computational Engineering (BGCE) Student Paper Prize - Part II of II
D302

2:15 p.m. – 3:55 p.m.

MS113 Career Opportunities in Computational Science and Engineering - Part I of II
Emerald Room

2:15 p.m. – 3:55 p.m.

MS134 Presentations by LGBTQ+ Mathematicians
Forum Centre

4:00 p.m. – 6:00 p.m.

Poster Session Europa
Foyer

7:00 p.m. – 8:30 p.m.

Spectra Reception (Association for LGBTQ+ Mathematicians)
Auditorium Lounge

Wednesday, March 1

7:30 a.m. – 8:30 a.m.

Student Chapter Breakfast (by invitation only)

8:30 a.m. – 9:15 a.m.

IP5 How Open-Source is Changing Scientific Computing in Industry and Research: Lessons Learned from 25 years of Deal.II - Luca Heltai, SISSA, Trieste, Italy

Auditorium

9:45 a.m. – 11:25 a.m.

MS149 Career Opportunities in Computational Science and Engineering - Part II of II

Emerald Room

11:30 a.m. – 1:00 p.m.

PD2 Early Career Scientist Panel: Wow I have a job! Now what?

Auditorium

1:00 p.m. – 1:45 p.m.

IP6 AI for Science and the Implication for Mathematics - Weinan E, Peking University, China

Auditorium

3:30 p.m. – 4:00 p.m.

Affinity Group Reception

4:00 p.m. – 5:40 p.m.

MS225 Life Skills for Research -- Growing in your Career

E108

5:45 p.m. – 7:05 p.m.

MS8 European Research Council (ERC) Panel: How and Why Applying to ERC Funding?

Emerald Room

8:00 p.m. – 10:00 p.m.

Public Event: The Role of Mathematics in Solving the World's Main Challenges

Auditorium

Thursday, March 2

8:15 a.m. – 8:30 a.m.

Poster Prizes

Auditorium

8:30 a.m. – 9:15 a.m.

IP7 The Data Behind Human Appearance and Motion: What are the MetaHumans?

Uros Sikimic, 3Lateral, Serbia

Auditorium

9:45 a.m. – 11:25 a.m.

MS275 Raising Mathematical Awareness via the SmartPool Project

Emerald Room

1:00 p.m. – 2:30 p.m.

PD4 Forward Looking Panel

Auditorium

2:35 p.m. – 4:15 p.m.

MS314 Student Chapter Presentations – Part I of II

D404

4:45 p.m. – 6:25 p.m.

MS348 Student Chapter Presentations – Part II of II

G106

Friday, March 3

8:30 a.m. – 9:15 a.m.

IP8 Fast Solution Methods for Wave Propagation Problems: From Classical Domain Decomposition Solvers to Learning - Victorita Dolean Maini, University of Strathclyde, U.K. and Université Côte d'Azur, CNRS, LJAD, France

Auditorium